***SSHCZO Meeting Schedule***

***Monday, December 15, 2014***

* *01:40 PM - 06:00 PM -* [Susan Brantley](https://agu.confex.com/agu/fm14/meetingapp.cgi#Person/10195)

*PA13A-3894 How Deep is the Critical Zone: A Scientific Question with Potential Impact For Decision-makers in Areas of Shale-Gas Development and Hydraulic Fracturing*

* + *Moscone South*
  + *Poster Hall*
* *02:55 PM - 03:10 PM -*  Timothy White and Ashlee Dere

*EP13E-06 Rates of tree throw in Appalachian shale landscapes*

* + *Moscone West*
  + *2007*
* *03:10 PM - 03:25 PM -*  Yuning Shi  [Kenneth Davis](https://agu.confex.com/agu/fm14/meetingapp.cgi#Person/18686)  [Fuqing Zhang](https://agu.confex.com/agu/fm14/meetingapp.cgi#Person/27729)  [Christopher Duffy](https://agu.confex.com/agu/fm14/meetingapp.cgi#Person/16947)  Xuan Yu

*H13M-07 Towards Improved High-Resolution Land Surface Hydrologic Reanalysis Using a Physically-Based Hydrologic Model and Data Assimilation (Invited)*

* + *Moscone West*
  + *3011*
* *04:45 PM - 05:00 PM* [Susan Brantley](https://agu.confex.com/agu/fm14/meetingapp.cgi#Person/10195)

*EP14A-04CZ-Tope: Using Measurements of Multiple Isotopes in One Setting to Understand Critical Zone Processes Occurring over Different Timescales (Invited)*

* + *Moscone West*
  + *2007*

***Tuesday, December 16, 2014***

* *10:20 AM - 10:35 AM* [Susan Brantley](https://agu.confex.com/agu/fm14/meetingapp.cgi#Person/10195)

*EP22B-01Developing a Paradigm to Measure and Model the Form and Function of the Critical Zone (Invited)*

* + *Moscone West*
  + *2005*
* *10:20 AM - 10:35 AM*  Katie Gaines  [Frederick Meinzer](https://agu.confex.com/agu/fm14/meetingapp.cgi#Person/71713)  [Christopher Duffy](https://agu.confex.com/agu/fm14/meetingapp.cgi#Person/16947)  [Evan Thomas](https://agu.confex.com/agu/fm14/meetingapp.cgi#Person/25312)  [David Eissenstat](https://agu.confex.com/agu/fm14/meetingapp.cgi#Person/20748)

*B22A-01Rapid Water Uptake and Limited Storage Capacity at Height of Growing Season in Four Temperate Tree Species in a Central Pennsylvania Catchment*

* + *Moscone West*
  + *2003*
* *11:35 AM - 11:50AM*  [Lixin Jin](https://agu.confex.com/agu/fm14/meetingapp.cgi#Person/51725)  [Lin Ma](https://agu.confex.com/agu/fm14/meetingapp.cgi#Person/51883)  [Ashlee Dere](https://agu.confex.com/agu/fm14/meetingapp.cgi#Person/2854)  [Tim White](https://agu.confex.com/agu/fm14/meetingapp.cgi#Person/86116)  [Susan Brantley](https://agu.confex.com/agu/fm14/meetingapp.cgi#Person/10195)

*EP23B-3601Systematic Investigation of REE Mobility and Fractionation During Continental Shale Weathering Along a Climate Gradient*

* + *Moscone West*
  + *2005*
* *01:40 PM - 06:00 PM*  [Pamela Sullivan](https://agu.confex.com/agu/fm14/meetingapp.cgi#Person/68034)  [Scott Hynek](https://agu.confex.com/agu/fm14/meetingapp.cgi#Person/74990)  [Kamini Singha](https://agu.confex.com/agu/fm14/meetingapp.cgi#Person/48482)  [Tim White](https://agu.confex.com/agu/fm14/meetingapp.cgi#Person/86116)  [Xin Gu](https://agu.confex.com/agu/fm14/meetingapp.cgi#Person/90825)  [Christopher Duffy](https://agu.confex.com/agu/fm14/meetingapp.cgi#Person/16947)  [Susan Brantley](https://agu.confex.com/agu/fm14/meetingapp.cgi#Person/10195)

*EP23E-3634The Interplay of Regolith Evolution and Watershed Hydrodynamics on Shale Weathering Fluxes*

* + *Moscone South*
  + *Poster Hall*
* *01:40 PM - 06:00 PM Pa*  [Louis Derry](https://agu.confex.com/agu/fm14/meetingapp.cgi#Person/49270)  [Katherine Meek](https://agu.confex.com/agu/fm14/meetingapp.cgi#Person/47546)  [Jed Sparks](https://agu.confex.com/agu/fm14/meetingapp.cgi#Person/42746)

*EP23E-3637Ge/Si, Ca/Sr and 87Sr/86Sr tracers of biogeochemical sources and cycling of Si and Ca at the Shale Hills CZO*

* + *Moscone South*
  + *Poster Hall*

***Wednesday, December 17, 2014***

* *08:00 AM - 12:20 PM*  [Xavier Comas](https://agu.confex.com/agu/fm14/meetingapp.cgi#Person/90382)  [William Wright](https://agu.confex.com/agu/fm14/meetingapp.cgi#Person/90262)  [Scott Hynek](https://agu.confex.com/agu/fm14/meetingapp.cgi#Person/74990)  [Joe Orlando](https://agu.confex.com/agu/fm14/meetingapp.cgi#Person/40234)  [Heather Buss](https://agu.confex.com/agu/fm14/meetingapp.cgi#Person/31329)  [Susan Brantley](https://agu.confex.com/agu/fm14/meetingapp.cgi#Person/10195)

*H31E-0670Using Hydrogeophysical Methods to Understand the Spatial Distribution of the Bedrock-regolith Interface in the Rio Icacos Watershed (Luquillo Critical Zone Observatory, Puerto Rico).*

* + *Moscone West*
  + *Poster Hall*
* *08:00 AM - 12:20 PM*  [Molly Cain](https://agu.confex.com/agu/fm14/meetingapp.cgi#Person/166352)  [Tess Russo](https://agu.confex.com/agu/fm14/meetingapp.cgi#Person/85663)  [Pamela Sullivan](https://agu.confex.com/agu/fm14/meetingapp.cgi#Person/68034)  [Andrew Neal](https://agu.confex.com/agu/fm14/meetingapp.cgi#Person/3579)

*ED31F-3481Elucidating the effects of dam restoration on hydrologic patterns in streams and tributaries*

* + *Moscone South*
  + *Poster Hall*
* *11:35 AM - 11:50 AM*  [Nicole West](https://agu.confex.com/agu/fm14/meetingapp.cgi#Person/64250)  [Eric Kirby](https://agu.confex.com/agu/fm14/meetingapp.cgi#Person/46986)

*EP32B-06Hillslope response to differences in aspect-related microclimate (Invited)*

* + *Moscone West*
  + *2010*
* *01:40 PM - 06:00 PM*  [Brian Clarke](https://agu.confex.com/agu/fm14/meetingapp.cgi#Person/7288)  [Eric Kirby](https://agu.confex.com/agu/fm14/meetingapp.cgi#Person/46986)  [Douglas Burbank](https://agu.confex.com/agu/fm14/meetingapp.cgi#Person/11083)  [Nicole West](https://agu.confex.com/agu/fm14/meetingapp.cgi#Person/64250)

*EP33B-3635Using shallow seismic tomography to characterize patterns of near-surface weathering and the mobile-immobile regolith transition: Implications for the erodibility and morphology of hillslopes.*

* + *Moscone South*
  + *Poster Hall*

***Thursday, December 18, 2014***

* *01:40 PM - 06:00 PM*  [Yuning Shi](https://agu.confex.com/agu/fm14/meetingapp.cgi#Person/78108)  [Kenneth Davis](https://agu.confex.com/agu/fm14/meetingapp.cgi#Person/18686)  [David Eissenstat](https://agu.confex.com/agu/fm14/meetingapp.cgi#Person/20748)  [Jason Kaye](https://agu.confex.com/agu/fm14/meetingapp.cgi#Person/42675)  [Christopher Duffy](https://agu.confex.com/agu/fm14/meetingapp.cgi#Person/16947)  [Xuan Yu](https://agu.confex.com/agu/fm14/meetingapp.cgi#Person/90909)  [Yuting He](https://agu.confex.com/agu/fm14/meetingapp.cgi#Person/163805)

*H43G-1032Exploring the Influence of Topography on Belowground C Processes Using a Coupled Hydrologic-Biogeochemical Model*

* + *Moscone West*
  + *Poster Hall*